Fearch Update Elylog. 20 - (36 pp.)

			r. pr	() // /
L Number	Hits		DB	Time stamp
1	774	((,, (,, (,	USPAT;	2004/08/11 09:56
		(257/155) or (257/156) or (257/163) or	US-PGPUB	
2	700	(257/164)).CCLS.		
4	799	((==),==),	USPAT;	2004/08/11 09:58
	1.	(257/155) or (257/156) or (257/163) or (257/164) or (257/165)).CCLS.	US-PGPUB	
3	972		USPAT;	2004/08/11 09:58
		(257/137) or (257/138) or (257/155) or	US-PGPUB	2004/08/11 09:58
1		(257/156) or (257/163) or (257/164) or	OS IGIOD	
	}	(257/165)).CCLS.		
4	44		USPAT;	2004/08/11 10:01
	ļ	(257/137) or (257/138) or (257/155) or	US-PGPUB;	
		(257/156) or (257/163) or (257/164) or	EPO; JPO;	
	ł	(257/165)).CCLS.) and (deep ioni?ation adj	DERWENT;	
	7	energ\$3) near6 (dop\$3 impurit\$3)	IBM_TDB	
6	,	761241.ap.	USPAT;	2004/08/11 10:02
			US-PGPUB;	
1 1			EPO; JPO;	
			DERWENT; IBM TDB	
-	157	257/144	USPAT;	2003/11/08 11:14
]			US-PGPUB;	2000/11/00 11:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	247	257/152	USPĀT;	2001/06/08 10:54
			US-PGPUB;	
			EPO; JPO;	1
			DERWENT;	
1_	172	257/163	IBM_TDB USPAT;	2001/06/00 10 5
i	1,2	2377103	US-PGPUB;	2001/06/08 10:54
			EPO; JPO;	
1		•	DERWENT;	
İ			IBM TDB	
j -	117	257/164	USPAT;	2001/06/08 10:56
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
l _	76	257/165	IBM_TDB	
	, 0	231/103	USPAT; US-PGPUB;	2001/06/08 10:54
1			EPO; JPO;	
	i		DERWENT;	
			IBM TDB	,
-	616	(257/110 or 257/144 or 257/152 or 257/163	USPAT;	2001/06/10 12:46
		or 257/164 or 257/165) and @pd<19980717	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	4	((257/110 or 257/144 or 257/152 or 257/163	IBM_TDB	0001/06/05
	*	or 257/164 or 257/165) and @pd<19980717)	USPAT;	2001/06/08 12:10
		and (selenium or sulfur)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	616	(257/110 or 257/144 or 257/152 or 257/163	USPAT;	2001/06/08 13:49
	l	or 257/164 or 257/165) and @pd<19980717	US-PGPUB;	
	ĺ	-	EPO; JPO;	
]		DERWENT;	
_	[7.	/057/110 057/144	IBM_TDB	
_	576	(257/110 or 257/144 or 257/152 or 257/163	USPĀT;	2001/06/10 13:54
		or 257/164 or 257/165) and @pd<19970717	US-PGPUB;	İ
			EPO; JPO;	
		1	DERWENT;	
_	169	((257/110 or 257/144 or 257/152 or 257/163	IBM_TDB USPAT;	2001/06/10 14 20
ļ		or 257/164 or 257/165) and @pd<19970717)	US-PGPUB;	2001/06/10 14:38
		and (stop\$5 or buffer\$3 or phosphor\$2 or	EPO; JPO;	
		arsenic)	DERWENT;	
			IBM TDB	

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_	5	stop\$4 adj2 buffer and thyristor\$1	USPAT; US-PGPUB;	2001/06/10 14:38
			EPO; JPO; DERWENT; IBM TDB	
_	25		USPAT;	2001/06/10 15:00
		or 257/164 or 257/165) and @pd<19970717) and (stop\$5 or buffer\$3) and (phosphor\$2	US-PGPUB; EPO; JPO;	
		or arsenic)	DERWENT;	
-	5	energy adj level\$1 near (phosphorus or	IBM_TDB USPAT;	2001/06/10 15:47
		arsenic or selenium or sulfur) near dop\$4	US-PGPUB; EPO; JPO;	
			DERWENT;	
_	1	ionization adj energy near (phosphorus or	IBM_TDB USPAT;	2001/06/10 16:42
		arsenic or selenium or sulfur) near dop\$4	US-PGPUB;	
			EPO; JPO; DERWENT;	
_ '	292	(sulfur with selenium) and 257/\$3.ccls.	IBM_TDB USPAT;	2001/06/11 07:40
		(Surrai with Boroniam) and 2577 93.0013.	US-PGPUB;	2001/00/11 07.40
			EPO; JPO; DERWENT;	
	57	(sulfur with selenium) and 257/\$3.ccls.	IBM_TDB	0001/05/10 15 10
	3,	and emitter\$1	USPAT; US-PGPUB;	2001/06/10 16:49
			EPO; JPO; DERWENT;	
	0.0		IBM_TDB	
_	89	(sulfur with selenium) and 257/\$3.ccls. and band adj gap	USPAT; US-PGPUB;	2001/06/10 16:52
			EPO; JPO;	
			DERWENT; IBM_TDB	
-	14	((sulfur with selenium) and 257/\$3.ccls. and emitter\$1) and ((sulfur with selenium)	USPAT; US-PGPUB;	2001/06/10 18:56
		and 257/\$3.ccls. and band adj gap)	EPO; JPO;	
			DERWENT; IBM_TDB	
~	4	(((sulfur with selenium) and 257/\$3.ccls. and emitter\$1) and ((sulfur with selenium)	USPAT; US-PGPUB;	2001/06/11 07:34
		and 257/\$3.ccls. and band adj gap)) and dopant and (buffer or stop\$4)	EPO; JPO;	
		-	DERWENT; IBM TDB	
-	2	ionization adj energ\$3 with sulfur with (dopant or impurit\$3 or foreign)	USPĀT; US-PGPUB;	2001/06/10 17:07
			EPO; JPO;	
			DERWENT; IBM TDB	
-	37	dopant and (selenium or sulfur) and emitter and (buffer adj layer or stop\$4	USPĀT; US-PGPUB;	2001/06/10 17:59
		adj zone)	EPO; JPO;	ĺ
			DERWENT; IBM TDB	
-	0	(buffer adj layer or stop\$4 adj zone) same dopant same (selenium or sulfur) same	USPAT; US-PGPUB;	2001/06/10 18:01
		ionization adj energ\$3	EPO; JPO;	
			DERWENT; IBM TDB	
-	0	(buffer adj layer or stop\$4 adj zone) same (selenium or sulfur) same ionization adj	USPĀT;	2001/06/10 18:01
	1	energ\$3	US-PGPUB; EPO; JPO;	
	İ		DERWENT; IBM TDB	
-	3	(dopant or impurit\$3) same (selenium or sulfur) same ionization adj energ\$3	USPĀT;	2001/06/10 18:02
			US-PGPUB; EPO; JPO;	į
			DERWENT; IBM TDB	
				

	7	buffer adj layer with dopant with (sulfur or selenium)	USPAT; US-PGPUB;	2001/06/10 18:26
			EPO; JPO; DERWENT;	
_		stop adj zone with dopant with (sulfur or	IBM_TDB USPAT;	2001/06/10 18:26
	Ĭ	selenium)	US-PGPUB;	2001/00/10 18.20
			EPO; JPO; DERWENT;	
			IBM TDB	
-	7	((sulfur with selenium with dopant) and 257/\$3.ccls. and emitter\$1) and	USPAT; US-PGPUB;	2001/06/10 18:56
		(257/\$3.ccls. and band adj gap)	EPO; JPO;	
			DERWENT; IBM TDB	
-	44720	1 2, 2	USPĀT;	2001/06/11 07:42
		selenium	US-PGPUB; EPO; JPO;	
			DERWENT;	
_	44672	ionization energ\$3 with sulfur with	IBM_TDB USPAT;	2001/06/11 07:42
		selenium with dopant\$1	US-PGPUB;	2001/00/11 07.42
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	1	ionization adj energ\$3 with sulfur with selenium with dopant\$1	USPAT; US-PGPUB;	2001/06/11 07:43
			EPO; JPO;	
			DERWENT; IBM TDB	
-	2	5574297.pn.	USPAT;	2001/06/11 07:55
			US-PGPUB; EPO; JPO;	
			DERWENT;	
-	2	5359220.pn.	IBM_TDB USPAT;	2001/06/11 08:02
			US-PGPUB;	2001,00,11 00.02
			EPO; JPO; DERWENT;	
_	3	5528058.pn.	IBM_TDB	0000 (000)
		322030.pm.	USPAT; US-PGPUB;	2001/06/11 08:03
			EPO; JPO;	
			DERWENT; IBM_TDB	
_	1686	dopant with phosphorus with type	USPĀT; US-PGPUB;	2001/06/11 08:04
			EPO; JPO;	
			DERWENT; IBM TDB	
_	1454	dopant with phosphorus with n adj2 type	USPĀT;	2001/06/11 08:07
			US-PGPUB; EPO; JPO;	
			DERWENT;	
_	205	dopant with phosphorus with n+	IBM_TDB USPAT;	2001/06/11 08:10
ı			US-PGPUB;	
			EPO; JPO; DERWENT;	
_	131	(dopant with phosphorus with n+) and	IBM_TDB USPAT;	2001/06/11 20 11
i		epd<19970717	US-PGPUB;	2001/06/11 08:11
			EPO; JPO; DERWENT;	
	700	057/440	IBM_TDB	
-	738	257/110 or 257/144 or 257/152 or 257/163 or 257/164 or 257/165	USPAT; US-PGPUB;	2002/01/26 18:35
			EPO; JPO;	
			DERWENT; IBM TDB	

-	1		USPAT;	2002/01/26 18:39
		or 257/164 or 257/165) and ((stop adj zone	US-PGPUB;	
		near15 active) near15 (off-state or off adj state))	EPO; JPO; DERWENT;	
		adj state))	IBM TDB	
-	1	(257/110 or 257/144 or 257/152 or 257/163	USPAT;	2002/01/26 18:41
	_	or 257/164 or 257/165) and ((stop\$4 adj	US-PGPUB;	2002/01/20 10:41
İ	1	zone near15 active) near15 (off-state or	EPO; JPO;	
		off adj state))	DERWENT;	
1			IBM_TDB	
-	1	(257/110 or 257/144 or 257/152 or 257/163	USPAT;	2002/01/26 19:11
		or 257/164 or 257/165) and ((zone near15	US-PGPUB;	1
		active) near15 (off-state or off adj	EPO; JPO;	
		state))	DERWENT;	
-	3	5528058.pn.	IBM_TDB USPAT;	2002/01/27 15:26
		302000.pm.	US-PGPUB;	2002/01/2/ 15:26
			EPO; JPO;	
*			DERWENT;	
	1		IBM TDB	1
-	3	5357130.pn.	USPAT;	2002/01/27 12:44
			US-PGPUB;	
			EPO; JPO;	
]		·	DERWENT;	
_	0	stop\$4 add gone demant area (0) -t-t-	IBM_TDB	0000 (04 (07 40 40
		stop\$4 adj zone same dopant same (ON-state or OFF-state or "on state" or "off state")	USPAT; US-PGPUB;	2002/01/27 12:48
		or or state of on state of off state)	EPO; JPO;	
			DERWENT;	
			IBM TDB	ļ
-	31	dopant near12 ionization adj energy	USPAT;	2002/01/27 12:58
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	[
_	5	(igbt or mct).ti,ab. and ((dopant or	IBM_TDB	
]	impurity or impurities) near12 (indium or	USPAT;	2002/01/27 13:11
		tellurium))	US-PGPUB; EPO; JPO;	
	i	,	DERWENT;	
			IBM TDB	
-	9	John John College Calle USPĀT;	2002/01/27 14:21	
		impurity or impurities) same (indium or	US-PGPUB;	
		tellurium) same ionization)	EPO; JPO;	
			DERWENT;	
_	0	(((sulfur or selenium) near12 "on-state	IBM_TDB	2002/01/27 11 2-
		voltage") same (dopant or impurit\$3)) and	USPĀT; US-PGPUB;	2002/01/27 14:23
		semiconductor.ti,ab.	EPO; JPO;	
		[DERWENT;	
			IBM TDB	
-	5	((sulfur or selenium) near12 ("on-state"	USPAT;	2002/01/27 14:27
		or voltage) same (dopant or impurit\$3))	US-PGPUB;	
		and semiconductor.ti,ab.	EPO; JPO;	
			DERWENT;	
_	0	(((sulfur or selenium) near12 (ionization	IBM_TDB	2002/01/27
	[adj (energy or potential))) near12	USPAT; US-PGPUB;	2002/01/27 14:31
]	(impurit\$3 or dop\$3)) same ((on-state or	EPO; JPO;	
		on adj state) adj2 voltage)	DERWENT;	
		· -	IBM TDB	
_	2	((sulfur or selenium) near12 (ionization	USPĀT;	2002/01/27 14:46
	ļ i	adj (energy or potential))) near12	US-PGPUB;	
		(impurit\$3 or dop\$3)	EPO; JPO;	
			DERWENT;	
_	0	((selenium or sulfur) near12 on-state adj	IBM_TDB USPAT;	2002/01/07 14
		voltage) and (thyristor or mct or	US-PGPUB;	2002/01/27 14:48
		igbt).ti,ab.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	

_	35	(USPAT;	2002/01/27 14:48
		or igbt).ti,ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_	2	((selenium or sulfur) same (dopant or	USPAT;	2002/01/27 14:49
1	_	impurit\$3)) and (thyristor or mct or	US-PGPUB;	2002/01/2/ 14.49
		igbt).ti,ab.	EPO; JPO;	
			DERWENT;	
ļ			IBM TDB	
-	40	1 (the control of coopy 1) adju (bonc of fayor)	USPAT;	2002/01/27 15:28
ļ		same emitter) and thyristor.ti,ab.	US-PGPUB;	
			EPO; JPO;	
1.			DERWENT;	
_	13	((blocking or stop\$4) adj2 (zone or layer)	IBM_TDB USPAT;	2002/01/27 15:29
1		same emitter) same voltage and	US-PGPUB;	2002/01/2/ 15:29
	1	thyristor.ti,ab.	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	0	(((blocking or stop\$4) adj2 (zone or	USPAT;	2002/01/27 15:30
		layer) same emitter) same voltage same	US-PGPUB;	†
		on-state) and thyristor.ti,ab.	EPO; JPO;	
	!		DERWENT;	
-	0	(((blocking or stop\$4) adj2 (zone or	IBM_TDB USPAT;	2002/01/27 15:30
İ		layer) same emitter) same voltage same	US-PGPUB;	2002/01/2/ 15:30
		"on") and thyristor.ti,ab.	EPO; JPO;	1
		-	DERWENT;	
	_		IBM_TDB	
-	5	(((blocking or stop\$4) adj2 (zone or	USPAT;	2002/01/27 15:32
		layer) same emitter) same voltage) and	US-PGPUB;	
	1	thyristor.ti,ab. and power	EPO; JPO;	
			DERWENT;	
-	1	(((blocking or stop\$4) adj2 (zone or	IBM_TDB USPAT;	2002/01/27 15:49
		layer) same emitter) same voltage) and	US-PGPUB;	2002/01/2/ 15.49
		thyristor.ti,ab. and power and (dopant or	EPO; JPO;	ĺ
		impurit\$3)	DERWENT;	· .
1_	3	5710445	IBM_TDB	
	3	5710445.pn.	USPAT;	2002/01/27 15:54
			US-PGPUB;	ĺ
1			EPO; JPO; DERWENT;	
			IBM TDB	
-	1	((selenium or sulfur) near12 (dopant or	USPĀT;	2002/01/27 15:56
		<pre>impurity)) and thyristor.ti,ab.</pre>	US-PGPUB;	20100
			EPO; JPO;	
			DERWENT;	
_	0	((selenium or sulfur) near12 ionization	IBM_TDB	,
	"	adj (potential or energy)) and thyristor	USPAT; US-PGPUB;	2002/01/27 15:57
	1	5 .F or energy,, and engriscor	EPO; JPO;	
			DERWENT;	
]		IBM TDB	
-	0	((selenium or sulfur) near12 ionization	USPĀT;	2002/01/27 15:58
		adj (potential or energy)) and barrier adj	US-PGPUB;	
		layer	EPO; JPO;	
1]		DERWENT;	
-	20	(selenium or sulfur) near12 ionization adj	IBM_TDB USPAT;	2002/01/27 15:50
1		(potential or energy)	US-PGPUB;	2002/01/27 15:58
			EPO; JPO;	
			DERWENT;	İ
			IBM_TDB	
-	2	(selenium or sulfur) near12 ionization adj	USPAT;	2002/01/27 16:02
		(potential or energy) and semiconductor.ti,ab.	US-PGPUB;	
]		Jemisonauctor, cr, ab.	EPO; JPO;	
			DERWENT; IBM TDB	
			T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

_	1	The state of the s	USPAT;	2002/01/27 16:04
		(potential or energy) and (igbt or thyristor or mosfet) and	US-PGPUB; EPO; JPO;	
		semiconductor.ti,ab.	DERWENT;	
			IBM TDB	
-	2	(selenium or sulfur) near12 ionization adj	USPAT;	2002/01/27 16:05
		(potential or energy) and (igbt or	US-PGPUB;	
		thyristor or mosfet or	EPO; JPO;	
		semiconductor).ti,ab.	DERWENT;	
_	27	((selenium or sulfur) near12 (barrier adj	IBM_TDB USPAT;	2002/01/27 16:06
		layer)) and (ight or thyristor or mosfet	US-PGPUB;	2002/01/2/ 10.00
		or semiconductor).ti,ab.	EPO; JPO;	
			DERWENT;	
	9	//	IBM_TDB	0000/04/05 44 44
-	9	((selenium or sulfur) near5 (barrier adj layer)) and (igbt or thyristor or mosfet	USPAT;	2002/01/27 16:11
		or semiconductor).ti,ab.	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	ļ
-	0	((comment of oursals (mouse (business day	USPĀT;	2002/01/27 16:08
		layer)) and (ight or mosfet or	US-PGPUB;	
1		semiconductor).ti,ab. and thyristor.ti.	EPO; JPO; DERWENT;	[
			IBM TDB	
[-	0	((selenium or sulfur) near5 (barrier adj	USPAT;	2002/01/27 16:08
]		layer)) and thyristor.ti.	US-PGPUB;	_, _, _, _,
			EPO; JPO;	
			DERWENT;	
_	0	((selenium or sulfur) near5 (barrier adj	IBM_TDB USPAT;	2002/01/27 16:09
	Ü	layer)) and thyristor.ti,ab.	US-PGPUB;	2002/01/2/ 16:09
			EPO; JPO;	
			DERWENT;	
	0	(/22]	IBM_TDB	
-	0	((selenium or sulfur) near5 (barrier adj layer)) and (mct or thyristor or	USPAT;	2002/01/27 16:09
İ		igbt).ti,ab.	US-PGPUB; EPO; JPO;	
		3	DERWENT;	
			IBM TDB	
-	1		USPAT;	2002/01/27 16:12
		<pre>impurity) near5 (barrier adj layer))</pre>	US-PGPUB;	
1			EPO; JPO; DERWENT;	
			IBM TDB	
-	0	((selenium or sulfur) near5 (dopant or	USPAT;	2002/01/27 16:13
[impurity) near5 (barrier adj layer)) and	US-PGPUB;	
		silicon adj substrate	EPO; JPO;	
		İ	DERWENT; IBM TDB	İ
-	71		USPAT;	2002/01/27 16:14
		impurity)) and silicon adj substrate	US-PGPUB;	10.14
	ļ		EPO; JPO;	
			DERWENT;	
-	3	((selenium or sulfur) near5 (dopant or	IBM_TDB USPAT;	2002/01/27 16:24
	Ĭ	impurity)) and ionization adj (energy or	US-PGPUB;	2002/01/2/ 16:24
		potential) and silicon adj substrate	EPO; JPO;	
		-	DERWENT;	
_	15	(low-noise or low add add-add-add-add-add-add-add-add-add	IBM_TDB	0000/05/5=
[13	(low-noise or low adj noise) adj2 semiconductor and power adj2 semiconductor	USPAT;	2002/01/27 16:26
	İ	James of and power adja semiconductor	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	33	(((low-noise or low adj noise) near5	USPAT;	2002/01/27 16:28
		power) near5 semiconductor).ti,ab.	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
				

-	0	(((low-noise or low adj noise) near5	USPAT;	2002/01/27 16:28
		power) near5 semiconductor).ti,ab. and	US-PGPUB;	
		thyristor	EPO; JPO;	
			DERWENT;	
	3	///3	IBM_TDB	0000/04/05
-	3	1 ((= = = = = = = = = = = = = = = = =	USPAT;	2002/01/27 16:30
		power) near5 semiconductor adj device).ti,ab.	US-PGPUB;	
1	1	device, ci, ab.	EPO; JPO; DERWENT;	ļ
			IBM TDB	
_	25	((low-noise or low adj noise) near5	USPAT;	2002/01/27 17:05
	2.5	power).ti,ab. and 257/\$6.ccls.	US-PGPUB;	2002/01/2/ 17:03
		power).cr/ab. and 25//40.cc13.	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2	((low-noise or low adj noise) near5	USPAT;	2002/05/02 15:26
Ì		power).ti,ab. and 257/\$6.ccls. and	US-PGPUB;	2002,03,02 13.20
		(thyristor or igbt or insulated gate adj	EPO; JPO;	
	Ì	bipolar adj transistor or mct)	DERWENT;	
			IBM TDB	
-	2	jp-02105578\$-\$.did.	USPAT;	2002/01/27 17:06
			US-PGPUB;	
		·	EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
-	458	stop adj zone	USPĀT;	2002/05/01 16:36
			US-PGPUB;	1
			EPO; JPO;	J
			DERWENT;	İ
		(-1	IBM_TDB	1
_	2		USPAT;	2002/05/01 16:36
		(257/144) or (257/152) or (257/163) or	US-PGPUB;	
]	(257/164) or (257/165)).CCLS.)	EPO; JPO;	
			DERWENT;	
_	586	((257/110) or (257/144) or (257/152) or	IBM_TDB	2000/05/01 02 02
	300	(257/163) or (257/164) or (257/165)).CCLS.	USPAT;	2002/05/01 20:30
		(201/103) OI (231/104) OI (231/103)).CCLS.	US-PGPUB; EPO; JPO;	Į į
			DERWENT;	
	ĺ		IBM TDB	
_	60	buffer adj (layer or film) and (((257/110)	USPAT;	2002/05/01 17:19
		or (257/144) or (257/152) or (257/163) or	US-PGPUB;	2002/03/01 17.19
		(257/164) or (257/165)).CCLS.)	EPO; JPO;	
1			DERWENT;	
			IBM TDB	
-	29	(buffer adj (layer or film) and	USPAT;	2002/05/01 17:20
		(((257/110) or (257/144) or (257/152) or	US-PGPUB;	
		(257/163) or (257/164) or	EPO; JPO;	
		(257/165)).CCLS.)) and (sulfur or s or	DERWENT;	
l _	,	selenium or se)	IBM_TDB	
_	0	((buffer adj (layer or film) and	USPAT;	2002/05/01 17:21
		(((257/110) or (257/144) or (257/152) or	US-PGPUB;	
		(257/163) or (257/164) or	EPO; JPO;	
		(257/165)).CCLS.)) and (sulfur or s or selenium or se)) and (buffer near12	DERWENT;	
		(selenium or se or s or sulfur))	IBM_TDB	
_	3	((buffer adj (layer or film) and	HCDATT.	2002/05/01 17 05
		(((257/110) or (257/144) or (257/152) or	USPAT; US-PGPUB;	2002/05/01 17:25
		(257/163) or (257/164) or	EPO; JPO;	
	İ	(257/165)).CCLS.)) and (sulfur or s or	DERWENT;	
		selenium or se)) and (buffer same	IBM TDB	
ĺ	l	(selenium or se or s or sulfur))	22.1_100	
-	0	((buffer adj (layer or film) and	USPAT;	2002/05/01 17:23
]	(((257/110) or (257/144) or (257/152) or	US-PGPUB;	
	f	(257/163) or (257/164) or	EPO; JPO;	
}	ļ	(257/165)).CCLS.)) and (sulfur or s or	DERWENT;	
	İ	selenium or se)) and (buffer same	IBM_TDB	
		(selenium or se or sulfur))		

-	0	((buffer adj (layer or film) and	USPAT;	2002/05/01 17:27
		(((257/110) or (257/144) or (257/152) or	US-PGPUB;	
		(257/163) or (257/164) or	EPO; JPO;	
		(257/165)).CCLS.)) and (sulfur or s or	DERWENT;	1
	İ	selenium or se)) and ((buffer near15	IBM_TDB	
	1	(dop\$3 or impurit\$3)) same ioniz\$5)	_	
-	0	((buffer adj (layer or film) and	USPAT;	2002/05/01 17:28
ļ		(((257/110) or (257/144) or (257/152) or	US-PGPUB;	
	1	(257/163) or (257/164) or	EPO; JPO;	
		(257/165)).CCLS.)) and (sulfur or s or	DERWENT;	
		selenium or se)) and ((buffer near15	IBM TDB	
		(selenium or sulfur)))	_	
-	77	(US-4717940-\$ or US-4760431-\$ or	USPAT:	2002/05/02 11:40
		US-RE32784-\$ or US-4851889-\$ or	US-PGPUB;	
		US-4914496-\$ or US-4963972-\$ or	JPO	İ
		US-5065211-\$ or US-5068704-\$ or		
		US-5381025-\$ or US-5401985-\$ or		
		US-5429953-\$ or US-5444271-\$ or		
		US-5444272-\$ or US-5461242-\$ or		
		US-5477064-\$ or US-5486709-\$ or		
		US-5498884-\$ or US-5525816-\$ or		
İ		US-5528058-\$ or US-5543639-\$ or		
		US-5569941-\$ or US-5610415-\$ or		
		US-5637888-\$ or US-5644150-\$ or		
	ĺ	US-5659185-\$ or US-5091766-\$).did. or		ĺ
	1	(US-5124772-\$ or US-5202750-\$ or	· ·	
		US-5210432-\$ or US-5245202-\$ or		
	}	US-5293054-\$ or US-5304821-\$ or		
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		US-5705835-\$ or US-5710445-\$ or		
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		US-5936267-\$ or US-6020623-\$ or		
		US-6054728-\$ or US-RE36818-\$ or		ļ
		US-6107649-\$).did. or (US-6111278-\$ or		
		US-6111290-\$ or US-6169299-\$ or		
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		US-6271545-\$ or US-6278140-\$ or US-6313485-\$ or US-4033058 \$ or		
		US-6313485-\$ or US-4032958-\$ or		
		US-4053921-\$ or US-4062032-\$ or		
		US-3337782-\$ or US-3470036-\$).did. or		
		(US-20010005024-\$ or		
		US-20020024056-\$).did. or (JP-06061479-\$		
		or JP-06151825-\$ or JP-01270352-\$ or		
		JP-02296370-\$ or JP-03070176-\$ or		
		JP-03116874-\$ or JP-04240775-\$ or		
		JP-04317375-\$ or JP-04357875-\$).did.		

]-	2 ((US-4717940-\$ or US-4760431-\$ or	USPAT;	2002/05/01 20:34
	US-RE32784-\$ or US-4851889-\$ or	US-PGPUB;	
	US-4914496-\$ or US-4963972-\$ or	EPO; JPO;	
,	US-5065211-\$ or US-5068704-\$ or	DERWENT;	
] [US-5381025-\$ or US-5401985-\$ or	IBM_TDB	
	US-5429953-\$ or US-5444271-\$ or		
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1	US-5894149-\$ or US-5923055-\$ or		
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1	US-6054728-\$ or US-RE36818-\$ or		
;	US-6107649-\$).did. or (US-6111278-\$ or		
	US-6111290-\$ or US-6169299-\$ or		
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	US-4053921-\$ or US-4062032-\$ or		
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	US-20020024056-\$).did. or (JP-06061479-\$		j
	or JP-06151825-\$ or JP-01270352-\$ or		
	JP-02296370-\$ or JP-03070176-\$ or		
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	or film or layer) and ionization		

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		US-RE32784-\$ or US-4851889-\$ or	US-PGPUB;	1
		US-4914496-\$ or US-4963972-\$ or	EPO; JPO;	
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		US-5705835-\$ or US-5710445-\$ or		
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		or JP-06151825-\$ or JP-01270352-\$ or		
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	ŀ	JP-04317375-\$ or JP-04357875-\$).did.) and		
1		(block\$3 or buffer or stop\$4) adj (region		1
į		or film or layer) and (energy adj level or		
		band adj2 gap)		
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		US-RE32784-\$ or US-4851889-\$ or	US-PGPUB;	
İ		US-4914496-\$ or US-4963972-\$ or	EPO; JPO;	
		US-5065211-\$ or US-5068704-\$ or	DERWENT;	
		US-5381025-\$ or US-5401985-\$ or	IBM TDB	
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		US-5498884-\$ or US-5525816-\$ or		
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İ		US-5659185-\$ or US-5091766-\$).did. or	İ	
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		US-3337782-\$ or US-3470036-\$).did. or		
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}		JP-02296370-\$ or JP-03070176-\$ or		
	[JP-03116874-\$ or JP-04240775-\$ or		
		JP-04317375-\$ or JP-04357875-\$).did.) and		
·	İ	(block\$3 or buffer or stop\$4) adj (region		
		or film or layer) near20 (indium or		
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		US-RE32784-\$ or US-4851889-\$ or	US-PGPUB;	
		US-4914496-\$ or US-4963972-\$ or	EPO; JPO;	1
		US-5065211-\$ or US-5068704-\$ or	DERWENT;	
		US-5381025-\$ or US-5401985-\$ or	IBM_TDB	
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		US-5477064-\$ or US-5486709-\$ or		
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		US-5528058-\$ or US-5543639-\$ or		
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		US-5637888-\$ or US-5644150-\$ or		
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		US-3337782-\$ or US-3470036-\$).did. or		
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	j	or JP-06151825-\$ or JP-01270352-\$ or		
	Ì	JP-02296370-\$ or JP-03070176-\$ or		
		JP-03116874-\$ or JP-04240775-\$ or		
		JP-04317375-\$ or JP-04357875-\$).did.) and		
		(block\$3 or buffer or stop\$4) adj (region		
		or film or layer) and (indiam or tally)		
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		or selenium of sulfur or in or se)		

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-	2 ((US-4717940-\$ or US-4760431-\$ or	USPAT;	2002/05/01 20:50
	US-RE32784-\$ or US-4851889-\$ or	US-PGPUB;	
	US-4914496-\$ or US-4963972-\$ or	EPO; JPO;	
] [US-5065211-\$ or US-5068704-\$ or	DERWENT;	
	US-5381025-\$ or US-5401985-\$ or	IBM_TDB	
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i l	US-5498884-\$ or US-5525816-\$ or		
	US-5528058-\$ or US-5543639-\$ or		
	US-5569941-\$ or US-5610415-\$ or		
	US-5637888-\$ or US-5644150-\$ or		
	US-5659185-\$ or US-5091766-\$).did. or		
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	US-3337782-\$ or US-3470036-\$).did. or		
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	or JP-06151825-\$ or JP-01270352-\$ or		
	JP-02296370-\$ or JP-03070176-\$ or		
	JP-03116874-\$ or JP-04240775-\$ or		
	JP-04317375-\$ or JP-04357875-\$).did.) and		ĺ
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	(block\$3 or buffer or stop\$4) adj (region		
	or film or layer) and (indium or tellurium		
	or selenium of sulfur or in or se or te)		[

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		US-RE32784-\$ or US-4851889-\$ or	US-PGPUB:	2002/03/01 20:30
		US-4914496-\$ or US-4963972-\$ or	EPO; JPO;	
1		US-5065211-\$ or US-5068704-\$ or	DERWENT;	
		US-5381025-\$ or US-5401985-\$ or	IBM TDB	
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		or film or layer) and (band near2 gap)		
		or rayer, and (band hearz gap)	<u> </u>	

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		US-RE32784-\$ or US-4851889-\$ or	US-PGPUB;	
		US-4914496-\$ or US-4963972-\$ or	EPO; JPO;	1
ľ		US-5065211-\$ or US-5068704-\$ or	DERWENT;	
		US-5381025-\$ or US-5401985-\$ or	IBM_TDB	
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		US-5444272-\$ or US-5461242-\$ or		
		US-5477064-\$ or US-5486709-\$ or		
		US-5498884-\$ or US-5525816-\$ or		
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		US-5569941-\$ or US-5610415-\$ or		
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		US-3337782-\$ or US-3470036-\$).did. or		
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		US-20020024056-\$).did. or (JP-06061479-\$!
		or JP-06151825-\$ or JP-01270352-\$ or		
		JP-02296370-\$ or JP-03070176-\$ or		
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		(block\$3 or buffer or stop\$4) adj (region		į l
	1	or film or layer) and energy adj level		
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-	0	stephani.in. and dietrich.in.	DERWENT	2003/04/14 19:31
-	3	buchwald.in. and melvin.in.	USPAT;	2003/04/14 19:30
	_		US-PGPUB;	2005/04/14 19.30
			1	
_	53	stephani-d.in.	DERWENT	0000/04/14 10 05
1_	363	bauer-j.in.	DERWENT	2003/04/14 19:35
1 _			DERWENT	2003/04/14 19:35
-	2	ep-621640\$-\$.did.	USPAT;	2003/11/07 18:28
			US-PGPUB;	ļ
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	4	761240.ap.	USPAT;	2003/11/07 18:32
			US-PGPUB;	
i			EPO; JPO;	
			DERWENT;]
			IBM TDB	
-	1	761240.ap. and stop adj zone and emitter	USPAT;	2003/11/07 18:39
	_	adj region	US-PGPUB;	2003/11/07 16:39
		uuj 2091011	EPO; JPO;	
			EPO; JPO;	Į.
			DERWENT;	
_	2	on-7605299-9 did	IBM_TDB	
	2	ep-760528\$-\$.did.	USPAT;	2003/11/07 18:39
]			US-PGPUB;	
			EPO; JPO;	1
]			DERWENT;	
]		7.000000 4 34 3	IBM_TDB	
-	2	ep-760528\$-\$.did.	USPAT;	2003/11/08 11:34
			US-PGPUB;	
] [ļ		EPO; JPO;	
1	İ		DERWENT;	
	l		IBM TDB	
-	21	emitter near12 (stop adj zone junction adj	USPAT;	2003/11/08 11:41
		termination)	US-PGPUB;	2000/11/00 11.41
		·	EPO; JPO;	
[DERWENT;	ŀ
[]			· ·	
_	6	emitter near12 (stop adj zone junction adj	IBM_TDB	0000/11/55 15 1=
ļ	۱	termination) and (homelian be also	USPAT;	2003/11/08 12:07
		termination) and (beryllium be zinc zn	US-PGPUB;	
		nickel ni cobalt co magnesium mg tin sn	EPO; JPO;	
	J	indium)	DERWENT;	
L			IBM TDB	

			1	
-	114	,	USPAT;	2003/11/08 11:52
		US-5210432-\$ or US-5371385-\$ or	US-PGPUB;	
		US-5981981-\$ or US-RE34158-\$ or	EPO; JPO;	
		US-4219829-\$ or US-5407491-\$ or	DERWENT	
		US-5574297-\$ or US-6313485-\$ or		
		US-6278140-\$ or US-6271545-\$ or		
		US-6218217-\$ or US-6198115-\$ or		
		US-6169299-\$ or US-6111290-\$ or		
		US-6111278-\$ or US-4851889-\$ or		
		US-RE32784-\$ or US-4760431-\$ or		
		US-4717940-\$ or US-5068704-\$ or		
i		US-5065211-\$ or US-4963972-\$ or		
		US-4914496-\$ or US-5202750-\$).did. or		
		(US-5124772-\$ or US-5091766-\$ or		
		US-5306930-\$ or US-5306929-\$ or		
		US-5304821-\$ or US-6107649-\$ or	•	
	ĺ	US-RE36818-\$ or US-6054728-\$ or		
		US-6020623-\$ or US-5936267-\$ or		
		US-5923055-\$ or US-5894149-\$ or		
	İ	US-5844258-\$ or US-5796124-\$ or		
		US-5793066-\$ or US-6043112-\$ or		
		US-5682044-\$ or US-5464994-\$ or		
		US-5381025-\$ or US-4062032-\$ or		
		US-4053921-\$ or US-4032958-\$ or		
		US-3470036-\$ or US-5444271-\$ or		
		US-5429953-\$ or US-5381026-\$ or		
		US-5336907-\$).did. or (US-5461242-\$ or	1	
		US-5401985-\$ or US-5365477-\$ or		
		US-5378903-\$ or US-3337782-\$ or		
		US-5319222-\$ or US-5319221-\$ or		
		US-5359220-\$ or US-5457329-\$ or		
ì		US-5444272-\$ or US-5412228-\$ or		
		US-5486709-\$ or US-5498884-\$ or		ļ
		US-5504351-\$ or US-5525816-\$ or		
		US-5528058-\$ or US-5539217-\$ or		
		US-5543639-\$ or US-5659185-\$ or		
	1	US-5644150-\$ or US-5637888-\$ or		1
		US-5610415-\$ or US-5587594-\$ or		[
		US-5569941-\$ or US-5719413-\$ or]
		US-5710445-\$ or US-5705835-\$).did. or		
	· .	(US-5684306-\$ or US-5679966-\$ or		
		US-5661314-\$ or US-5477064-\$ or		
,		US-5471075-\$).did. or (US-20030197247-\$ or		1
		US-20030122151-\$ or US-20010005024-\$ or		i i
į		US-20030094857-\$ or US-20030006497-\$ or		
		US-20020024056-\$).did. or (EP-760528-\$ or		
		EP-621640-\$ or US-5528058-\$ or		
		DE-3932490-\$ or DE-3837748-\$ or		
		DE-3837747-\$ or US-3953243-\$).did. or		
		(JP-04317375-\$ or JP-04240775-\$ or		
		JP-03116874-\$ or JP-03070176-\$ or		[
		JP-02296370-\$ or JP-01270352-\$ or		
		JP-06151825-\$ or JP-06061479-\$ or		
1		JP-04357875-\$).did. or (EP-144876-\$ or		
1		EP-1097480-\$ or DE-19531369-\$ or		ļ
1		EP-621640-\$ or EP-1017093-\$ or		
]		US-4642669-\$ or DE-19909105-\$ or		
		US-5079175-\$ or US-5710445-\$ or]
1		DE-3932490-\$).did.		
-	16	power adj semiconductor.ti,ab,clm. and	USPAT;	2003/11/08 11:53
		stop adj (layer zone) and emitter	US-PGPUB;	
		· · · · · · · · · · · · · · · · · · ·	EPO; JPO;	
]		DERWENT	
-	51	power adj semiconductor.ti,ab,clm. and	USPAT;	2003/11/08 12:07
		stop adj (layer zone)	US-PGPUB;	-303,11,00 12.07
		2 J (EPO; JPO;	
			DERWENT	
_	20	power adj semiconductor.ti,ab,clm. and	USPAT;	2003/11/08 12:13
:		stop adj (layer zone) and (beryllium be	US-PGPUB;	2003/11/00 12:13
		zinc zn nickel ni cobalt co magnesium mg	EPO; JPO;	
		tin sn indium)	DERWENT	
	لـــــــــــــــــــــــــــــــــــــ		PEVMENT	

-	1562		USPAT;	2003/11/08 12:15
		(257/139) or (257/144) or (257/147) or	US-PGPUB	1
		(257/152) or (257/163) or (257/164) or		
		(257/165) or (257/341) or (257/342)).CCLS.		
-	10	(((==:/===/ == (==//===/ == (==//===/	USPAT;	2003/11/08 12:22
		(257/139) or (257/144) or (257/147) or	US-PGPUB	İ
		(257/152) or (257/163) or (257/164) or		
	İ	(257/165) or (257/341) or		
İ		(257/342)).CCLS.) and stop adj (layer		
		zone) and (be beryllium cobalt magnesium		
		mg zinc zn nickel ni sn tin indium sulfur		
		selenium titanium ti)		
_	486	· · · · · · · · · · · · · · · · · · ·	USPAT;	2003/11/08 12:22
		cobalt magnesium mg zinc zn nickel ni sn	US-PGPUB	2003/11/00 12:22
		tin indium sulfur selenium titanium ti)	05 19105	
_	436	stop adj (layer zone) near6 (be beryllium	USPAT;	2003/11/08 12:23
	300	cobalt magnesium mg zinc zn nickel ni sn	US-PGPUB;	2003/11/06 12:23
		tin indium sulfur selenium titanium ti)	1	
1		cin indiam surrur setenium (itanium (i)	EPO; JPO;	
			DERWENT;	
	54	2 to 2 2 d	IBM_TDB	
-] 54		USPĀT;	2003/11/08 13:47
		cobalt magnesium mg zinc zn nickel ni sn	US-PGPUB;	
		tin indium sulfur selenium titanium ti)	EPO; JPO;	
		and switch\$3	DERWENT;	
			IBM_TDB	
_	0	WO-0004598\$-\$.DID.	USPAT;	2003/11/08 13:47
			US-PGPUB;	[
			EPO; JPO;	
	1		DERWENT;	1
			IBM_TDB	
~	1	WO-200004598\$-\$.DID.	USPĀT;	2003/11/08 16:38
	[US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2	de-3917769\$-\$.did.	USPAT;	2003/11/08 16:55
			US-PGPUB;	1, ==, 11 = 3.00
			EPO; JPO;	
			DERWENT;	į l
	İ		IBM TDB	
-	1		USPAT	2003/11/08 17:17
-	551	emitter near3 drain and collector near3	USPAT	2003/11/08 17:18
		source		
-	460	emitter near3 drain and collector near3	USPAT	2003/11/08 17:18
		source and bipolar	ODIAI	2003/11/00 1/:18
_	268	emitter near3 drain and collector near3	USPAT	2003/11/08 17:19
	_ 70	source and bipolar and (switch switching)	OUTAI	2003/11/06 17:19
_	254	emitter near3 drain near6 collector near3	USPAT	2003/11/08 17:19
		source and bipolar and (switch switching)	OSFAI	2003/11/08 1/:19
		source and priporal and (switch switching)	*	L

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-   116	(US-5644150-\$ or US-5637888-\$ or	USPAT;	2004/08/09 09:51
	US-5587594-\$ or US-5610415-\$ or	US-PGPUB;	
	US-5569941-\$ or US-5543639 <b>-</b> \$ or	EPO; JPO;	
	US-5528058-\$ or US-5539217-\$ or	DERWENT	
	US-5407491-\$ or US-5525816-\$ or		
	US-5504351-\$ or US-5498884-\$ or		
] [	US-5659185-\$ or US-5661314-\$ or	1	
	US-5477064-\$ or US-5471075-\$ or		†
]	US-5679966-\$ or US-5684306-\$ or	1	
<u> </u>	US-5705835-\$ or US-5719413-\$ or		
	US-5710445-\$ or US-4219829-\$ or		
	US-5486709-\$ or US-5461242-\$ or	ŀ	
1	US-5464994-\$ or US-5491351-\$).did. or		1
]	(US-6441408-\$ or US-5371385-\$ or		
	US-5359220-\$ or US-5365477-\$ or		
	US-3337782-\$ or US-5796124-\$ or		]
	US-5793066-\$ or US-6043112-\$ or		1
	US-5682044-\$ or US-5457329-\$ or		
[ [	·		
	US-5444272-\$ or US-5444271-\$ or		
	US-5429953-\$ or US-5412228-\$ or		
	US-5381026-\$ or US-5401985-\$ or		
	US-5378903-\$ or US-5381025-\$ or		
	US-5306929-\$ or US-5293054-\$ or		
	US-5245202-\$ or US-5306930-\$ or		
	US-5981981-\$ or US-RE34158-\$ or		
	US-5304821-\$ or US-5336907-\$ or		Í
	US-5319222-\$).did. or (US-5319221-\$ or		
	US-5202750-\$ or US-5210432-\$ or		
	US-5091766-\$ or US-5124772-\$ or		
	US-5065211-\$ or US-5068704-\$ or		
	US-4963972-\$ or US-4914496-\$ or		
	US-4851889-\$ or US-RE32784-\$ or		
	US-4760431-\$ or US-4717940-\$ or		
	US-4053921-\$ or US-4062032-\$ or		
	US-4032958-\$ or US-5574297-\$ or		
	US-3470036-\$ or US-6313485-\$ or		
	US-6278140-\$ or US-6271545-\$ or		
	US-6218217-\$ or US-6198115-\$ or		
	US-6169299-\$ or US-6111290-\$ or		
	US-6111278-\$ or US-6107649-\$).did. or		
	(US-RE36818-\$ or US-6054728-\$ or		
	US-6020623-\$ or US-5936267-\$ or		
	US-5923055-\$ or US-5894149-\$ or		
	US-5844258-\$).did. or (US-20030122151-\$ or		
	US-20030197247-\$ or US-20030006497-\$ or		
	US-20030094857-\$ or US-20020024056-\$ or		
	US-20010005024-\$).did. or (EP-760528-\$ or		
	EP-621640-\$ or DE-3932490-\$ or		İ
	DE-3837748-\$ or DE-3837747-\$ or		
	US-3953243-\$ or US-5528058-\$).did. or		
	(JP-01270352-\$ or JP-02296370-\$ or		
	JP-06061479-\$ or JP-04317375-\$ or		
	TD=04240775 c or TD 02116074 6		ĺ
	JP-04240775-\$ or JP-03116874-\$ or		
	JP-03070176-\$ or JP-06151825-\$ or		
	JP-04357875-\$).did. or (US-4642669-\$ or		
	EP-1017093-\$ or US-5079175-\$ or		
	DE-19909105-\$ or EP-144876-\$ or		
	EP-1097480-\$ or DE-19531369-\$ or		
	EP-621640-\$ or US-5710445-\$ or		j
	DE-3932490-\$).did.		

-	2	((US-5644150-\$ or US-5637888-\$ or	USPAT;	2004/08/09 10:18
		US-5587594-\$ or US-5610415-\$ or	US-PGPUB;	
		US-5569941-\$ or US-5543639-\$ or	EPO; JPO;	1
ĺ		US-5528058-\$ or US-5539217-\$ or   US-5407491-\$ or US-5525816-\$ or	DERWENT	İ
		US-5504351-\$ or US-5498884-\$ or		
	1	US-5659185-\$ or US-5661314-\$ or		İ
		US-5477064-\$ or US-5471075-\$ or		
		US-5679966-\$ or US-5684306-\$ or		
		US-5705835-\$ or US-5719413-\$ or		
		US-5710445-\$ or US-4219829-\$ or		
		US-5486709-\$ or US-5461242-\$ or		İ
		US-5464994-\$ or US-5491351-\$).did. or		
		(US-6441408-\$ or US-5371385-\$ or		
		US-5359220-\$ or US-5365477-\$ or		
		US-3337782-\$ or US-5796124-\$ or		
		US-5793066-\$ or US-6043112-\$ or		
		US-5682044-\$ or US-5457329-\$ or		
		US-5444272-\$ or US-5444271-\$ or		
		US-5429953-\$ or US-5412228-\$ or		
		US-5381026-\$ or US-5401985-\$ or		
		US-5378903-\$ or US-5381025-\$ or US-5306929-\$ or US-5293054-\$ or		
		US-5245202-\$ or US-5306930-\$ or		
		US-5981981-\$ or US-RE34158-\$ or		
		US-5304821-\$ or US-5336907-\$ or		
		US-5319222-\$).did. or (US-5319221-\$ or		
		US-5202750-\$ or US-5210432-\$ or		
		US-5091766-\$ or US-5124772-\$ or		
		US-5065211-\$ or US-5068704-\$ or		1
		US-4963972-\$ or US-4914496-\$ or		
		US-4851889-\$ or US-RE32784-\$ or		
		US-4760431-\$ or US-4717940-\$ or		
		US-4053921-\$ or US-4062032-\$ or		
		US-4032958-\$ or US-5574297-\$ or		1
		US-3470036-\$ or US-6313485-\$ or		ĺ
		US-6278140-\$ or US-6271545-\$ or		
1		US-6218217-\$ or US-6198115-\$ or		
1		US-6169299-\$ or US-6111290-\$ or		
		US-6111278-\$ or US-6107649-\$).did. or		
		(US-RE36818-\$ or US-6054728-\$ or US-6020623-\$ or US-5936267-\$ or		
		US-5923055-\$ or US-5894149-\$ or		
		US-5844258-\$).did. or (US-20030122151-\$ or		
		US-20030197247-\$ or US-20030006497-\$ or		
		US-20030094857-\$ or US-20020024056-\$ or	į	
		US-20010005024-\$).did. or (EP-760528-\$ or	i	
		EP-621640-\$ or DE-3932490-\$ or		
		DE-3837748-\$ or DE-3837747-\$ or		
		US-3953243-\$ or US-5528058-\$).did. or		
		(JP-01270352-\$ or JP-02296370-\$ or		
		JP-06061479-\$ or JP-04317375-\$ or		
		JP-04240775-\$ or JP-03116874-\$ or	}	
		JP-03070176-\$ or JP-06151825-\$ or		
		JP-04357875-\$).did. or (US-4642669-\$ or		
		EP-1017093-\$ or US-5079175-\$ or		
		DE-19909105-\$ or EP-144876-\$ or		
		EP-1097480-\$ or DE-19531369-\$ or		
	ļ	EP-621640-\$ or US-5710445-\$ or		
_	2	DE-3932490-\$).did.) and stephani.in. ("5455911").PN.	110.02.00	0004/05/55
1	2	( Jajojii ).FN.	USPAT;	2004/08/09 10:18
<u> </u>			US-PGPUB;	
1			EPO; JPO;	
]			DERWENT; IBM TDB	
-	2	("6455911").PN.	USPAT:	2004/08/09 10:27
	-		US-PGPUB;	2004/00/09 10:2/
	1		EPO; JPO;	
			DERWENT;	
			IBM TDB	

	F10			T /
-	510	stop adj zone	USPAT; US-PGPUB;	2004/08/09 10:27
		· ·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	46	stop adj zone.ti.	USPAT;	2004/08/09 11:13
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	23	(acceptor donor) adj ioni?ation adj	USPAT;	2004/08/09 11:36
		energ\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
-	1	(acceptor donor) adj ioni?ation adj	IBM_TDB USPAT;	2004/08/09 11:48
		energ\$3 near8 (oxygen selenium sulfur)	US-PGPUB;	2004/00/03 11.40
			EPO; JPO;	
			DERWENT;	
_	62	stop adj zone and GaP	IBM_TDB	2004/20/20 44 55
	02	Scop adj zone and Gar	USPAT; US-PGPUB;	2004/08/09 11:56
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	4	and nours (besein an builti	USPAT;	2004/08/09 11:59
		oxygen)	US-PGPUB; EPO; JPO;	
	-		DERWENT;	
	1		IBM TDB	
-	24	stop adj zone and (selenium sulfur oxygen)	USPAT;	2004/08/09 12:06
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
-	2	ep-621640\$-\$.did.	USPAT;	2004/08/09 12:44
			US-PGPUB;	=====================================
			EPO; JPO;	
1			DERWENT;	
_	2	(acceptor donor) adj ioni?ation adj	IBM_TDB USPAT;	2004/08/09 12:24
		energ\$3 near4 (silicon "si")	US-PGPUB;	2004/06/09 12:24
			EPO; JPO;	
			DERWENT;	
_	1	stop adj zone near12 boron	IBM_TDB	0004/00/00
}	_	scop day zone heartz boton	USPĀT; US-PGPUB;	2004/08/09 12:25
			EPO; JPO;	
			DERWENT;	
_	0	ango and (atom atomical)	IBM_TDB	
		znse and (stop stopping) adj zone and (nitrogen "N") near15 zone	USPAT;	2004/08/09 12:46
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	5700		IBM_TDB	
-	5738	channel adj stop (stop stopping) adj zone	USPAT;	2004/08/09 12:51
			US-PGPUB;	
			EPO; JPO; DERWENT	
-	5170	channel adj stop (stop stopping) adj zone	USPAT;	2004/08/09 12:51
		and breakdown adj voltage	US-PGPUB;	1, 1, 00, 00 12.01
[	İ		EPO; JPO;	İ
-	5168	channel adj stop (stop stopping) adj zone	DERWENT	2004/00/00 == ==
	5100	and breakdown adj voltage and 257/\$9.ccls.	USPAT; US-PGPUB;	2004/08/09 12:52
[	İ		EPO; JPO;	
			DERWENT	
-	620	(channel adj stop (stop stopping) adj	USPAT;	2004/08/09 12:53
		zone) and breakdown adj voltage and 257/\$9.ccls.	US-PGPUB;	
		201/93.0013.	EPO; JPO;	
<u> </u>	f		DERWENT	

-	0	(channel adj stop (stop stopping) adj	USPAT;	2004/08/09 12:53
		zone) and breakdown adj voltage and	US-PGPUB;	Ì
		257/\$9.ccls. and znse	EPO; JPO;	
			DERWENT	
-	0	de-1983231.07\$-\$.did.	USPAT;	2004/08/09 14:40
			US-PGPUB;	2001,00,00 21110
			EPO; JPO;	
			DERWENT;	
			1	
	7	do 10020216 6 444	IBM_TDB	0001/00/00 11
-	1 '	de-1983231\$-\$.did.	USPAT;	2004/08/09 14:40
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	1
		,	IBM TDB	
-	4	761240.ap.	USPAT;	2004/08/09 14:41
			US-PGPUB;	
İ			EPO; JPO;	ĺ
			DERWENT;	
}			IBM TDB	1
l _	881	bauer.in. and stop	USPAT;	2004/08/09 14:41
		and ocop	I	2004/00/09 14:41
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	]
1	1		IBM_TDB	
-	3	in the state of the state and	USPAT;	2004/08/10 07:52
	1	brunner.in.	US-PGPUB;	
İ			EPO; JPO;	
			DERWENT;	ĺ
İ			IBM TDB	
-	10	wo-20004598\$-\$.did.	USPAT;	2004/08/10 07:54
	]		US-PGPUB;	2001/00/10 07:54
			EPO; JPO;	
			DERWENT;	
<b>_</b>	1	wo-200004598\$-\$.did.	IBM_TDB	
		WO-2000043965-5.did.	USPAT;	2004/08/10 08:09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
-	0	( to sop stopping, aaj zone channel aa j	USPĀT;	2004/08/10 08:11
		stop) near12 (doped doping impurity	US-PGPUB;	· ·
i		impurities) and acceptor adj ioni\$ation	EPO; JPO;	
		adj energ\$3	DERWENT;	
		- I	IBM TDB	
-	2	((stop stopping) adj zone channel adj	USPAT;	2004/08/10 08:18
		stop) near12 (doped doping impurity	US-PGPUB;	2004/00/10 00:18
į		impurities) and ioni\$ation adj energ\$3	EPO; JPO;	
[ ]			DERWENT;	
_	978	((stop stopping) add some about 1	IBM_TDB	0004/00/10
	310	((stop stopping) adj zone channel adj	USPAT;	2004/08/10 08:21
		stop) near12 (doped doping impurity	US-PGPUB;	
		impurities) and (boron Al Ga indium ni	EPO; JPO;	I
		nickel oxygen)	DERWENT;	I
	7.5		IBM_TDB	
-	700	((stop stopping) adj zone channel adj	USPAT;	2004/08/10 08:30
]		stop) near12 (doped doping impurity	US-PGPUB;	
]	ļ	impurities) and (be beryllium cesium cs	EPO; JPO;	
		barium ba sulfur s mn manganese ag silver	DERWENT;	
		cd cadmium pt platinum si silicon zn zinc	IBM TDB	1
	1	au gold co cobalt v vanadium ni nickel		
İ	l	molybdenum mo hg mercury sr strontium	1	
		germanium ge cu copper potassium k sn tin		
	İ	w tungsten pb lead o oxygen iron fe)		
j		near12 (doping doped impurity impurities)	İ	]
		(gobing gober turbutter turbutters)		

-	679	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2004/08/10 08:30
		stop) near12 (doped doping impurity	US-PGPUB;	
		impurities) and (be beryllium cesium cs barium ba sulfur s mn manganese ag silver	EPO; JPO; DERWENT;	
		cd cadmium pt platinum si silicon zn zinc	IBM TDB	
1		au gold co cobalt v vanadium ni nickel	150,155	
		molybdenum mo hg mercury sr strontium		
		germanium ge cu copper potassium k sn tin		
		w tungsten pb lead o oxygen iron fe)		
		near12 (doping doped impurity impurities)		
		and silicon	1	•
-	586	'	USPAT;	2004/08/10 08:33
	1	stop) near12 (doped doping impurity	US-PGPUB;	
ļ		impurities) and (be beryllium cesium cs	EPO; JPO;	
	-	barium ba sulfur s mn manganese ag silver cd cadmium pt platinum si silicon zn zinc	DERWENT; IBM TDB	1
	ĺ	au gold co cobalt v vanadium ni nickel	100-100	
}		molybdenum mo hg mercury sr strontium		
		germanium ge cu copper potassium k sn tin		İ
		w tungsten pb lead o oxygen iron fe)		
1		near12 (doping doped impurity impurities)		
		and silicon and 257/\$9.ccls.		
-	581	((stop stopping) adj zone channel adj	USPAT;	2004/08/10 08:34
		stop) near12 (doped doping impurity	US-PGPUB;	
	]	impurities) and (be beryllium cesium cs barium ba sulfur s mn manganese ag silver	EPO; JPO; DERWENT;	
		cd cadmium pt platinum si silicon zn zinc	IBM TDB	
		au gold co cobalt vanadium ni nickel	100-100	
		molybdenum mo hg mercury sr strontium		
1		germanium ge cu copper potassium sn tin		
		tungsten pb lead oxygen iron fe) near12		
		(doping doped impurity impurities) and		
ļ	5.60	silicon and 257/\$9.ccls.	1	
-	568	((stop stopping) adj zone channel adj	USPAT;	2004/08/10 08:36
	i i	stop) near12 (doped doping impurity impurities) and (be beryllium cesium cs	US-PGPUB;	
		barium ba sulfur mn manganese ag silver cd	EPO; JPO; DERWENT;	
		cadmium pt platinum si silicon zn zinc au	IBM TDB	
		gold co cobalt vanadium ni nickel		
		molybdenum mo hg mercury sr strontium		
		germanium ge cu copper potassium sn tin		
		tungsten pb oxygen iron fe) near12 (doping		
		doped impurity impurities) and silicon and		
_	110	257/\$9.ccls. ((stop stopping) adj zone channel adj	HCD2m-	2004/00/10 22 22
1	110	stop) near12 (doped doping impurity	USPAT;	2004/08/10 09:23
		impurities) and (be beryllium cesium cs	US-PGPUB; EPO; JPO;	
1		barium ba sulfur mn manganese ag silver cd	DERWENT;	
1		cadmium pt platinum si silicon zn zinc au	IBM TDB	
		gold co cobalt vanadium ni nickel		
		molybdenum mo hg mercury sr strontium		
i		germanium ge cu copper potassium sn tin		
		tungsten pb oxygen iron fe) near12 (doping		
i		doped impurity impurities) and silicon and 257/\$9.ccls. and emitter		
_	8	((stop stopping) adj zone channel adj	USPAT;	2004/09/10 00:41
		stop) near12 (doped doping impurity	US-PGPUB;	2004/08/10 08:41
		impurities) and (be beryllium cesium cs	EPO; JPO;	
]		barium ba sulfur mn manganese ag silver cd	DERWENT;	
		cadmium pt platinum si silicon zn zinc au	IBM TDB	
		gold co cobalt vanadium ni nickel	_	
	ŀ	molybdenum mo hg mercury sr strontium		
		germanium ge cu copper potassium sn tin		
	ĺ	tungsten pb oxygen iron fe) near12 (doping doped impurity impurities) and silicon and		
		257/\$9.ccls. and emitter and		
		power.ti,ab,clm.		
		**************************************		

=	5	((stop stopping) adj zone channel adj stop) near12 (doped doping impurity	USPAT; US-PGPUB;	2004/08/10 09:07
		impurities) and (be beryllium cesium cs	EPO; JPO;	
		barium ba sulfur mn manganese ag silver cd	DERWENT;	
		cadmium pt platinum si zn zinc au gold co	IBM TDB	
		cobalt vanadium ni nickel molybdenum mo hg	_	
	ļ	mercury sr strontium germanium ge cu		
		copper potassium sn tin tungsten pb oxygen		
		iron fe) near12 (doping doped impurity		
		impurities) and silicon and 257/\$9.ccls.		
_	5	and emitter and power.ti,ab,clm. ((stop stopping) adj zone channel adj	USPAT;	2004/08/10 09:10
		stop) near12 (doped doping impurity	US-PGPUB;	2004/00/10 03.10
		impurities) and (be beryllium cesium cs	EPO; JPO;	
		barium ba sulfur mn manganese ag silver cd	DERWENT;	
		cadmium pt platinum si zn zinc au gold co	IBM_TDB	
		cobalt vanadium ni nickel molybdenum mo hg		
		mercury se selenium sr strontium germanium		
		ge cu copper potassium sn tin tungsten pb oxygen iron fe) near12 (doping doped		
1		impurity impurities) and silicon and		
		257/\$9.ccls. and emitter and		
		power.ti,ab,clm.		
-	0	( ( copping) aay bone onamer aay	USPAT;	2004/08/10 09:13
	İ	stop) near12 (doped doping impurity	US-PGPUB;	
		impurities) and (ni nickel se selenium cu	EPO; JPO;	
		copper tellurium te oxygen iron fe) near12	DERWENT;	
		(doping doped impurity impurities) and germanium and 257/\$9.ccls. and emitter and	IBM_TDB	
		power.ti,ab,clm.		
-	1	1.5	USPAT;	2004/08/10 09:17
		channel adj stop) near12 (doped doping	US-PGPUB;	
		impurity impurities) and (ni nickel se	EPO; JPO;	
		selenium cu copper tellurium te oxygen	DERWENT;	
		iron fe cr chromium) near12 (doping doped impurity impurities) and germanium and	IBM_TDB	
		257/\$9.ccls. and emitter and		
		power.ti,ab,clm.		
-	2		USPAT;	2004/08/10 20:07
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	[
	110	((stop stopping) adj zone channel adj	IBM_TDB	2004/00/10 15 44
	110	stop) near12 (doped doping impurity	USPAT; US-PGPUB;	2004/08/10 15:44
		impurities) and (be beryllium cesium cs	EPO; JPO;	
İ	]	barium ba sulfur mn manganese ag silver cd	DERWENT;	
	İ	cadmium pt platinum si silicon zn zinc au	IBM_TDB	
		gold co cobalt vanadium ni nickel	_	
İ		molybdenum mo hg mercury sr strontium		
		germanium ge cu copper potassium sn tin tungsten te tellurium pb oxygen iron fe)		
		near12 (doping doped impurity impurities)		
		and silicon and 257/\$9.ccls. and emitter		
-	68	(stop stopping) adj (layer zone) and	USPAT;	2004/08/10 15:57
		thyristor.ti,ab,clm.	US-PGPUB;	
			EPO; JPO;	
:			DERWENT;	
_	68	(stop stopping) adj (layer zone) and	IBM_TDB	2004/00/10 10 00
ľ		thyristor.ti,ab,clm. and (stop stopping)	USPAT; US-PGPUB;	2004/08/10 18:02
		1	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	5469	GTO	USPĀT;	2004/08/10 18:04
			US-PGPUB;	
			EPO; JPO;	
ĺ			DERWENT;	İ
			IBM TDB	

	4	761240.ap.	USPAT;	1 2004 /09 /10 20-26
	4	/01240.ap.		2004/08/10 20:26
1			US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
į l	0	1- 100202104 4 11 1	IBM_TDB	
-	Ü	de-19832310\$-\$.did.	USPAT;	2004/08/10 20:27
ļ į			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	·
-	0	de-019832310\$-\$.did.	USPAT;	2004/08/10 20:27
			US-PGPUB;	·
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	0	("761240.ap.").PN.	USPĀT;	2004/08/10 20:46
			US-PGPUB;	
]			EPO; JPO;	
	İ		DERWENT;	-
			IBM TDB	
-	4	761240.ap.	USPĀT;	2004/08/10 20:46
1			US-PGPUB;	
	j		EPO; JPO;	[
			DERWENT;	
			IBM TDB	

-	134	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2004/08/10 20:53
		US-5319222-\$ or US-5319221-\$ or	US-PGPUB;	
		US-5668385-\$ or US-5719413-\$ or	EPO; JPO;	
		US-5705835-\$ or US-5710445-\$ or	DERWENT	
		US-6043112-\$ or US-5682044-\$ or	İ	
		US-6441408-\$ or US-6660569-\$ or		
•		US-6703294-\$ or US-6696705-\$ or		
		US-5793066-\$ or US-5202750-\$ or		
		US-5245202-\$ or US-5293054-\$ or		1
1	1	US-5306929-\$ or US-5306930-\$ or		
				1
		US-5981981-\$ or US-RE34158-\$ or		
		US-5304821-\$ or US-4032958-\$ or		
		US-4062032-\$ or US-4053921-\$).did. or		1
	1	(US-4717940-\$ or US-4760431-\$ or		1
i		US-RE32784-\$ or US-4851889-\$ or		
		US-4914496-\$ or US-4963972-\$ or		]
	i e	US-5068704-\$ or US-5065211-\$ or		1
		US-5124772-\$ or US-5091766-\$ or		
		US-5210432-\$ or US-5574297-\$ or		1
				i l
		US-6107649-\$ or US-6111278-\$ or	1	
1	1	US-6111290-\$ or US-6169299-\$ or		
1		US-6198115-\$ or US-6218217-\$ or		
1		US-6271545-\$ or US-6278140-\$ or	İ	
1	1	US-6313485-\$ or US-5894149-\$ or		
	1	US-5923055-\$ or US-5936267-\$ or		
		US-6020623-\$ or US-6054728-\$ or		
	1	US-RE36818-\$).did. or (US-5336907-\$ or		ľ
		US-5461242-\$ or US-5444272-\$ or	i	
		US-5457329-\$ or US-5444271-\$ or		1
		US-5429953-\$ or US-5412228-\$ or		
1		US-5381026-\$ or US-5401985-\$ or		!
		l '	ļ	
		US-5378903-\$ or US-5381025-\$ or		1
		US-3470036-\$ or US-3337782-\$ or		1
		US-5365477-\$ or US-5371385-\$ or		
		US-5359220-\$ or US-5464994-\$ or		
		US-5543639-\$ or US-5528058-\$ or		1
		US-5539217-\$ or US-5407491-\$ or		
ļ		US-5525816-\$ or US-5504351-\$ or	ľ	
	1	US-5498884-\$ or US-5679966-\$ or		1
		US-5684306-\$ or US-5486709-\$).did. or	1	
		(US-5491351-\$ or US-5477064-\$ or		:
		US-5569941-\$ or US-5471075-\$ or		1
		US-5610415-\$ or US-5659185-\$ or		
				1
		US-5644150-\$ or US-5637888-\$ or		·
		US-4219829-\$ or US-5661314-\$ or		
		US-5587594-\$).did. or (US-20030122151-\$ or		
		US-20030197247-\$ or US-20030006497-\$ or		1
	]	US-20030094857-\$ or US-20040084724-\$ or	1	
		US-20040137665-\$ or US-20040080015-\$ or		1
	]	US-20010005036-\$ or US-20020024056-\$ or		
		US-20010005024-\$).did. or (DE-3932490-\$ or		
1	j	DE-3837748-\$ or DE-3837747-\$ or		l l
		US-3953243-\$ or EP-760528-\$ or EP-621640-\$		
		or DE-10214176-\$ or DE-3917769-\$ or		
		US-5528058-\$).did. or (JP-06151825-\$ or		]
		JP-06061479-\$ or JP-04357875-\$ or		į l
		JP-04317375-\$ or JP-04240775-\$ or		
				<u> </u>
		JP-03116874-\$ or JP-03070176-\$ or		
		JP-02296370-\$ or JP-01270352-\$).did. or		
		(EP-1017093-\$ or DE-3932490-\$ or		
1		EP-144876-\$ or EP-1097480-\$ or		
		DE-19531369-\$ or EP-621640-\$ or		
		DE-10243758-\$ or DE-10214176-\$ or		
		DE-10048165-\$ or DE-19731495-\$ or		
]		EP-347778-\$ or WO-200203469-\$ or		
	]	EP-1017093-\$ or DE-2734726-\$ or		
		DE-3917769-\$ or US-5710445-\$ or		
		US-4642669-\$ or US-5079175-\$ or		
[		DE-19909105-\$).did.		
] _	442	((257/107) or (257/155) or	USPAT;	2004/08/10 20:53
	'	(257/156)).CCLS.	•	2004/08/10 20:53
	l	(20., 200) / .0000.	US-PGPUB	

	C1.C	(1/057/107) (057/100) (057/110)	TTO D.T.	1 0004/00/11 00 50
-	616	((257/107) or (257/109) or (257/110) or	USPAT;	2004/08/11 09:52
	ļ	(257/155) or (257/156)).CCLS.	US-PGPUB	
-	0	(((257/107) or (257/109) or (257/110) or	USPAT;	2004/08/10 20:56
		(257/155) or (257/156)).CCLS.) and	US-PGPUB;	ĺ
ĺ		ioni\$ation adj energ\$3 near15 (stop	EPO; JPO;	
		stopping) adj (zone region layer)	DERWENT;	
			IBM TDB	Į.
-	1	(((257/107) or (257/109) or (257/110) or	USPAT;	2004/08/10 20:58
		(257/155) or (257/156)).CCLS.) and (sulfur	US-PGPUB;	
		s selenium se oxygen tellurium te zn zinc	EPO; JPO;	
		mn manganese ioni\$ation adj energ\$3)	DERWENT;	
		near15 (stop stopping) adj (zone region	IBM TDB	
		layer)		ł
_	0	("DOPANTNEAR4SULFURNEAR12SILICON").PN.	USPAT:	2004/08/10 21:14
			US-PGPUB	
-	95	sulfur near12 (impurities impurity ion adj	USPAT;	2004/08/10 21:15
		implantation) and silicon adj substrate	US-PGPUB;	2001, 00, 10 21120
			EPO; JPO;	
	i		DERWENT;	
			IBM TDB	
_	60	sulfur near4 (impurities impurity ion adj	USPAT;	2004/08/10 21:15
		implantation) and silicon adj substrate	US-PGPUB;	2004/00/10 21.15
			EPO; JPO;	
			DERWENT;	
				·
			IBM TDB	